



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
<http://www.sdcdeh.org>



Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or transport waste under a Limited Quantity Hauling Exemption issued by the Department of Environmental Health are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload** your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
<http://www.sdcounty.ca.gov/deh/hazmat/hmd-cers-info.html>

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

"Environmental and public health through leadership, partnership and science"

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous waste or sharps waste that has been generated during the diagnosis, treatment or immunization of human beings or animals, in research pertaining thereto, in the production or testing of biologicals, or which may contain infectious agents, those organisms classified as Biosafety Level II, III, or IV by the federal Centers for Disease Control and Prevention and may pose a substantial threat to health. Medical waste includes trauma scene waste. Medical waste does not include hazardous waste, radioactive waste, medical solid waste or household waste.

BIOHAZARDOUS WASTE means any of the following:

(a) Laboratory waste, including, but not limited to, all of the following:

- (1) Human or animal specimen cultures from medical and pathology laboratories.
- (2) Cultures and stocks of infectious agents from research and industrial laboratories.
- (3) Wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as identified by the department, and culture dishes and de-vices used to transfer, inoculate, and mix cultures.

(b) Human surgery specimens or tissues removed at surgery or autopsy, which are suspected by the attending physician and surgeon or dentist of being contaminated with infectious agents known to be contagious to humans.

(c) Animal parts, tissues, fluids, or carcasses suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(d) Waste, which at the point of transport from the generator's site, at the point of disposal, or thereafter, contains recognizable fluid blood, fluid blood products, containers or equipment containing blood that is fluid, or blood from animals known to be infected with diseases which are highly communicable to humans.

(e) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are highly communicable to humans.

(f) (1) Waste which is hazardous only because it is comprised of human surgery specimens or tissues which have been fixed in formaldehyde or other fixatives, or only because the waste is contaminated through contact with, or having previously contained, chemotherapeutic agents, including, but not limited to, gloves, disposable gowns, towels, and intravenous solution bags and attached tubing which are empty. A biohazardous waste which meets the conditions of this paragraph is not subject to Chapter 6.5 (commencing with Section 25100) of Division 20.

(2) For purposes of this subdivision, "chemotherapeutic agent" means an agent that kills or prevents the reproduction of malignant cells.

(3) For purposes of this subdivision, a container, or inner liner removed from a container, which previously contained a chemotherapeutic agent, is empty if the container or inner liner removed from the container has been emptied by the generator as much as possible, using methods commonly employed to remove waste or material from containers or liners, so that the following conditions are met:

(A) If the material which the container or inner liner held is pourable, no material can be poured or drained from the container or inner liner when held in any orientation, including, but not limited to, when tilted or inverted.

(B) If the material which the container or inner liner held is not pourable, no material or waste remains in the container or inner liner that can feasibly be removed by scraping.

(g) Waste that is hazardous only because it is comprised of pharmaceuticals, as defined in Section 117747. Notwithstanding subdivision (a) of Section 117690, medical waste includes biohazardous waste that meets the conditions of this subdivision. Biohazardous waste that meets the conditions of this subdivision is not subject to Chapter 6.5 (commencing with Section 25100) of Division 20.

SHARPS CONTAINERS are leakproof, rigid, puncture-resistant containers which when sealed cannot be reopened without great difficulty. These containers must be labeled with the words "Sharps Waste" or with the international Biohazard symbol and the word "BIOHAZARD." These containers must be labeled with the Generator's name, address, and phone number in a conspicuous location on the container when first used. Needles and syringes shall not be clipped prior to disposal. All sharps containers must be managed as MEDICAL WASTE.

"BIOHAZARD BAG" means a disposable red bag which is impervious to moisture and has strength sufficient to preclude ripping, tearing, or bursting under normal conditions of usage and handling of a waste-filled bag. A Biohazard bag shall be constructed of material of sufficient single thickness strength to pass the 165-gram dropped dart impact resistance test as prescribed by Standard D 1709-91 of the American Society for Testing and Materials and certified by the bag manufacturer. The bags shall be securely tied so as to prevent leakage or expulsion of solid or liquid wastes during future storage, handling, or transport. The bags shall be **RED** in color and conspicuously labeled with the international biohazard symbol and the "Biohazard." The bags shall be labeled with the Generator's name, address, and phone number in a conspicuous location on the bag when first used. If the waste is to be autoclaved, the outer bag may be colorless as long as the inner bag is red and both bags meet the stated strength criteria. All waste in red biohazard bags must be managed as MEDICAL WASTE.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area used to store medical waste which must read in English, "CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT" and in Spanish, "CUIDADO—ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS" or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) "Pharmaceutical waste" means any pharmaceutical, as defined in Section 117747, that is a waste, as defined in Section 25124. (b) For purposes of this part, "pharmaceutical waste" does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.



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Medical Waste Management Plan

Facility Information

Business

Name: _____

Unified Program Facility

Permit #: _____

Type of Business: _____

Date: ____ / ____ / ____

Address: _____

CA

Street No.

Street Name

City

State

Zip Code

Person Responsible for implementing the Medical Waste Management Plan

Name: _____

Title: _____ Phone: (____) _____ x _____

Types of wastes generated

☐ **Sharps** - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste.

Estimated monthly amount _____ lbs

☐ **Blood or body fluids** - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.

Estimated monthly amount _____ lbs

☐ **Home-Generated Sharps**

Estimated monthly amount _____ lbs

☐ **Pathology waste** - recognizable human anatomical parts.

Estimated monthly amount _____ lbs

☐ **Laboratory wastes** - specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.

Estimated monthly amount _____ lbs

☐ **Surgical specimens** - human or animal parts or tissues removed surgically or by autopsy and are suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount _____ lbs

☐ **Liquid or semi-liquid biohazardous laboratory waste** - treated on site by chemical disinfection* and discharged to sewer.

Estimated monthly amount _____ lbs

☐ **Isolation waste** - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.

Estimated monthly amount _____ lbs

☐ **Waste contaminated with fixatives or chemotherapeutic agents.**

Estimated monthly amount _____ lbs

☐ **Contaminated animals** - animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious to humans.

Estimated monthly amount _____ lbs

☐ **California-regulated pharmaceutical waste**

Estimated monthly amount _____ lbs

☐ **Other (specify):**

Estimated monthly amount _____ lbs

Estimate of **TOTAL** monthly medical waste generated: _____ lbs

ONSITE MEDICAL WASTE TREATMENT ONLY: Method of medical waste treatment *if performed onsite*:

☐ **Steam Autoclaving**

☐ **Other state approved alternative technology** (specify below):

Onsite medical waste treatment records must be maintained for three years. HSC §117975

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117635(a)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

Registered Medical Waste Hauler used to remove untreated medical waste (if applicable):

Name: _____

Address: _____

City: _____ **State** _____ **ZIP Code** _____

Phone #: () -

Contact Person:_____

Offsite treatment facility to which medical waste is transported (if applicable):

Facility Name: _____

Address: _____

City: _____ **State** _____ **ZIP Code** _____

Phone #: () -

Contact Person: _____ **Phone #:(** _____ **)** _____ **-** _____

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.

Name: _____

Title: _____

Signature: _____ **Date:** ____ / ____ / ____

Emergency Action Plan:

Note: This requirement only applies to Large Quantity Generators of Medical Waste (≥200 lbs/month)

This plan is to be followed to ensure the proper disposal of medical waste in the event of a natural disaster, spill, treatment system break down, power failure, etc. (use additional sheets if necessary):

[illegible]